

**What is claimed is:**

1           1.     A method for extending a print area by means of a window driver for transmitting  
2     an image to be printed according to a print command input from an external source, and a printer  
3     for printing the transmitted image to be printed, said method comprising the steps of:

4           (a) executing a first print step of the window driver by transmitting, to the printer  
5     according to the print command input, a first portion of the image to be printed on a piece of  
6     paper, the first portion being bounded by a lower end margin of the piece of paper; and

7           (b) executing a second print step of the window driver by transmitting, to the printer, a  
8     second portion of the image to be printed on a portion of the piece of paper below the lower end  
9     margin.

1           2.     The method of claim 1, wherein the second print step is executed after printing on  
2     the piece of paper in the first print step.

1           3.     The method of claim 1, wherein step (a) comprises the steps of:

2           (a-1) determining, by means of the printer, whether the image to be printed exceeds the  
3     lower end margin of a set piece of paper;

4           (a-2) when the image to be printed exceeds the lower end margin of the set piece of  
5     paper, forming a first image to be printed as far as the lower end margin; and

6 (a-3) transmitting the formed first image to the printer, and printing the transmitted  
7 formed first image.

1 4. The method of claim 3, wherein, in step (a-1), the printer determines whether the  
2 image to be printed exceeds the lower end margin of the piece of paper from predetermined  
3 graphic device interface (GDI) information.

1 5. The method of claim 1, wherein step (b) comprises the steps of:  
(b-1) outputting a message for changing a position of the paper on which the first portion  
is printed; and

2 (b-2) transmitting, to the printer, the second portion of the image to be printed on the  
3 portion of the piece of paper below the lower end margin, and printing the second portion below  
4 the first portion on the piece of paper, the position of which is inverted according to the message  
5 for changing the position of the paper on which the first portion of the image is printed.  
6  
7

1 6. A method for extending a print area for an image to be printed by a printer  
2 according to a print command input, said method comprising the steps of:

3 (a) transmitting, to the printer, the image to be printed on a piece of paper, a first portion  
4 of the image to be printed being bounded by a lower end margin of the piece of paper; and

5 (b) transmitting, to the printer, a second portion of the image to be printed on a portion of

6 the piece of paper below the lower end margin.

1 7. The method of claim 6, wherein step (b) is executed after printing on the piece of  
2 paper is carried out in step (a).

1 8. The method of claim 6, wherein step (a) comprises the steps of:  
2 (a-1) determining whether the image to be printed exceeds the lower end margin of the  
3 piece of paper;

4 (a-2) when the image to be printed exceeds the lower end margin of the piece of paper,  
5 forming a first image, corresponding to the first portion of the image, to be printed as far as the  
6 lower end margin; and

7 (a-3) transmitting the formed first image to the printer for printing as far as the lower end  
8 margin.

1 9. The method of claim 8, wherein step (a-1) is carried out by the printer using  
2 predetermined graphic device interface (GDI) information.

1 10. The method of claim 6, wherein step (b) comprises the steps of:  
2 (b-1) outputting a message for changing a position of the paper on which the first portion  
3 of the image is printed; and

4 (b-2) transmitting, to the printer, the second portion of the image to be printed on the  
5 portion of the piece of paper below the lower end margin, and printing the second portion below  
6 the first portion on the piece of paper, the position of which is inverted according to the message  
7 for changing the position of the paper on which the first portion of the image is printed.

1 11. A method for extending a print area for a document to be printed by a printer  
2 according to a print command input, said method comprising the steps of:

3 (a) receiving the print command input;

4 (b) determining whether an actual size of the document to be printed exceeds a size of  
5 the print area on a paper on which the document is to be printed;

6 (c) when the actual size of the document to be printed does not exceed the size of the  
7 print area on the paper on which the document is to be printed, printing the document on the  
8 paper; and

9 (d) when the actual size of the document to be printed does exceed the size of the print  
10 area on the paper on which the document is to be printed, forming a first image corresponding to  
11 a portion of the document to be printed up to a lower end margin of the paper, forming a second  
12 image corresponding to another portion of the document to be printed below the first image and  
13 within the lower end margin of the paper, and printing the first and second images in sequence on  
14 the paper.

1           12.    The method of claim 11, wherein the position of the paper in the printer is  
2 changed by a user between the printing of the first image and the printing of the second image.

1           13.    The method of claim 12, wherein the paper is inverted in the printer by the user  
2 between the printing of the first image and the printing of the second image.

1           14.    The method of claim 13, wherein a message calling for the user to invert the paper  
2 in the printer is generated after the printing of the first image.

1           15.    The method of claim 12, wherein a message calling for the user to change the  
2 position of the paper in the printer is generated after the printing of the first image.

1           16.    The method of claim 11, wherein a message calling for a user to change the  
2 position of the paper in the printer is generated between the printing of the first image and the  
3 printing of the second image.

1           17.    The method of claim 16, wherein the paper is inverted in the printer by the user  
2 between the printing of the first image and the printing of the second image in response to the  
3 generated message.